Appendix B
Monitoring Plan for Ponds 1, 1A, 2, 3, 4, and 5

SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSIS FOR PONDS 1, 1A, 2, 3, 4, and 5

SAMPLE POINT:		3-A	3-B	4-A	4-B	5-A	6-A	6A-A	NR-U	NR-D
	METHOD									
MATRIX: WATER										
Salinity [1]		M	M	D/M	D/M	M	M	M	D/M	D/M
pH [1]		M	M	D/M	D/M	M	M	M	D/M	D/M
Temperature [1]		M	M	D/M	D/M	M	M	M	D/M	D/M
Turbidity [1]		M	M	D/M	D/M	M	M	M	D/M; DC	D/M; DC
Dissolved oxygen [1]		M	M	D/M	D/M	M	M	M	D/M	D/M
Total ammonia	SM 4500	M	M	M	M	M	M	M	M	M
Total mercury [2]	EPA 1631	M	M						M	
Methyl mercury [2]	EPA 1630	M	M						M	

Note: Un-ionized ammonia will be calculated from measurements of pH, temperature, salinity, and total ammonia.

SAMPLE POINT:		3-A	3-B	4-A	4-B	5-A	6-A	6A-A	NR-U	NR-D
	METHOD									
MATRIX: SEDIMENT										
Total mercury [2]	FGS 066	M	M						M	
Methyl mercury [2]	FGS 045	M	M						M	

Notes:

[1] Field test only

[2] Methyl mercury / total mercury monitoring to be conducted for one year, in one pond, contingent on CalFed funding; Pond 3 is tentative choice

D/M	Once during the first and fifth day following breach; weekly during the first month; monthly thereafter
DC	Daily during construction activities conducted in receiving waters
M	Monthly
FGS	Frontier Geosciences